Michigan Traffic Crash Data and Information

A guide to the state's free resources





"Statistics regarding street and highway accidents are so vital to any comprehensive understanding and treatment of the safety problem that their collection and analysis in every state and community are essential."

> National Safety Conference—1924 Washington, D.C.

Engineers, law enforcement, legislators, and media can use this guide to find local crash data. Current data is essential for identifying traffic safety problems, planning enforcement, and allocating resources. Fortunately, a wealth of Michigan traffic crash information is available. The four resources in this booklet are free and accessible online. With the help of traffic crash data and related information, traffic safety programs have a greater chance of reducing crashes, preventing injuries, and saving lives.

Michigan Traffic Crash Facts

This Web site provides historical and current traffic crash data. Users can find statewide, county, and local data from 1992 to the previous year. The site also features query and mapping tools to customize information.

AVAILABLE DATA:

- >> Traffic crash data by region, county, city, and intersection
- Special focus sections on alcohol, deer, drivers, vehicles, and more
- Fact sheets on motorcycles, trucks, young drivers, older drivers, alcohol, and more
- Custom search option that creates tables with information specific to a user's location or problem area (i.e., Ingham County fatal crashes involving alcohol)
- Mapping feature that plots a crash or group of crashes (includes geographic information system information)
- Sanitized crash reports available from 2004 to the previous year
- >> Graphing options for search results

SUGGESTED USES:

- >> Get an in-depth picture of traffic safety in Michigan
- Identify traffic crash problems in a county or community
- >> Locate and map a specific crash or series of crashes
- >> Create traffic data presentations

WEB LINK:

www.michigantrafficcrashfacts.org

CONTACT INFO:

Michigan Office of Highway Safety Planning Traffic Records Programs Unit 517-241-1505

Traffic Crash Reporting System

Law enforcement officers, road safety engineers, and other public safety professionals can use this secure, password-protected Web site to find the frequency of crashes at intersections or road segments within a county or city. Approved users can search for information by law enforcement agency, map an intersection or road segment, and view a specific crash form (UD-10). Data from the past ten years, including the current year, is available. A login and password can be obtained through the contact listed below.

AVAILABLE DATA:

- Property-damage, injury, and fatal crashes at an intersection or road segment
- Crash data by law enforcement agency, city, township, or county
- >> Crashes by hour of day, hazardous action, and injury severity
- >> Reports by law enforcement agency showing UD-10 data edit errors and comparison of crash reports processed in current year versus previous year

SUGGESTED USES:

- Identify high-crash locations to determine enforcement levels
- >> Determine traffic safety engineering issues
- Locate and map a specific crash or series of crashes and view UD-10 reports
- >> Create traffic data presentations

WEB LINK:

https://mdotwas1.mdot.state.mi.us/login/userLogin.do

CONTACT INFO:

Michigan Department of State Police Criminal Justice Information Center 517-241-1699 CrashTCRS@michigan.gov

For more UD-10 information and references, visit www.michigan.gov/crash

Drunk Driving Audit

The annual Drunk Driving Audit provides detailed information about Michigan's drunk driving picture. The Michigan Department of State and Michigan Department of State Police contribute data to complete the annual report. The audit includes arrest activity by law enforcement agency; crash, injury, and fatality information by county; and conviction summaries for each judge.

AVAILABLE DATA:

- County blood alcohol content results broken down by breathalyzer and blood tests
- Alcohol- and/or drug-involved crash, injury, and fatality data by county
- >> Arrest and conviction information by county
- Conviction summaries by judge, including sentencing information, such as average jail time and fines

SUGGESTED USES:

- >> Identify counties in which alcohol- and/or druginvolved crashes are overrepresented
- >> Understand the relationship between alcoholand/or drug-related crashes in relation to arrests and convictions
- >> Create traffic data presentations for local officials

WEB LINK:

www.michigan.gov/drunk-driving-audit

CONTACT INFO:

Traffic Crash and Arrest Data Michigan Department of State Police Criminal Justice Information Center 517-241-1699

Conviction Disposition Data Michigan Department of State 517-322-1598

Societal Cost of Traffic Crashes and Crime in Michigan

The University of Michigan Transportation Research Institute uses traffic crash and index crime data to estimate dollar losses from crashes and crimes to the state and for each county in this report. Researchers also calculate monetary and non-monetary quality-of-life costs for crashes and crimes and costs associated with traffic crashes.

AVAILABLE DATA:

- Estimated costs for traffic crashes and index crimes statewide and by county
- Cost breakdowns, such as medical care, future earnings, property damage, and more
- Number of crashes and the associated costs to each county based on injury severity for:
 - > Alcohol-involved crashes
 - Teen driver-involved crashes
 - Motorcycle-involved crashes

SUGGESTED USES:

- Compare the number and cost of crash incidents vs. crimes committed
- Make informed decisions about the allocation of public resources
- >> Create traffic data presentations

WEB LINK:

www.michigan.gov/crashandcrime

CONTACT INFO:

Michigan Office of Highway Safety Planning Program Analysis/Evaluation Unit 517-241-2582



P.O. Box 30634 Lansing, MI 48909 517-241-2500 www.michigan.gov/ohsp

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